609



MANUAL OF PATENT EXAMINING PROCEDURE PTO/SB/08 (2-92)

	7 4 11						sneet	<u> </u>	
Form PTO-1449			Docket Number (Opt 1002,00011	Application Number 10/049,994					
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			TATION	Applicant Michael Chaparian et al.					
(Use several sheets if necessary)				Filing Date 02/18/02			Group Art Unit 1633		
		U.S	PATEN	IT DOCUMENT	S				
EXAMINER DOCUMENT NUMBER		DATE	NAME		CLASS	SUBCLASS FILING D			
95	4,666,828	05/19/87	Gusella	R	2 9 200		08/15/84 10/25/85 09/30/85		
	4,683,202	07/28/87	Mullis	400	54,	ED_			
	4,801,531	01/31/89	Frossard	TECH	2 9 700	3			
	5,192,659 5,272,057		Simons Smulson et al.				07/11/90		
			Smulson	et al.	300/4900		10/14/88		
V	5,521,077	05/28/96	Khosia et	al.			04/28/94		
95	5,728,561	03/17/98	Denoya -				06/07/95		
		FORE	GN PAT	ENT DOCUME	NTS				
							TRANSLATION		
	DOCKET NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	NO	
	OTHER DOC	UMENIS	(Includir	ng Author, Title, Da	ite Pertine	ent Pages, E	tc.)		
93	Maryland (1989	3) Table	e of Con	in Molecular Biol tents only.		•			
	Burke and Olson, Preparation of Clone Libraries in Yeast Artificial-Chromosome Vectors Methods in Enzymology, Vol. 194, pp. 251-270 (1991). Capecchi, "Altering the genome by homologous recombination" Science 244:1288-1292 (1989). Cregg JM, Vedvick TS, Raschke WC: Recent Advances in the Expression of Foreign Genes in Pichia pastoris, Bio/Technology 11:905-910, 1993 Davies et al., "Targeted alterations in yeast artificial chromosomes for inter-species genetarister", Nucleic Acids Research, Vol. 20, No. 11, pp. 2693-2698 (1992). Dickinson et al., "High frequency gene targeting using insertional vectors", Human Molecula Genetics, Vol. 2, No. 8, pp. 1299-1302 (1993).							Vectors,	
								88-1292	
								Genes in	
								es gene	
								lolecular	
┝╼╼╌┼	Duff and Line	2, 140, 6, pp	ion of a	nothogonia mutoti	ion into e	. wasat seti	ficial chro		
	Duff and Lincoln, "Insertion of a pathogenic mutation into a yeast artificial chromosome containing the human APP gene and expression in ES cells", Research Advances in							inces in	
	Gilboa, E, Eglit	Alzheimer's Disease and Related Disorders, 1995. Gilboa, E, Eglitis, MA, Kantoff, PW, Anderson, WF: Transfer and expression of cloned genes using retroviral vectors. BioTechniques 4(6):504-512, 1986.							
	Huston et al,	1991 "Prote	ein engine	ering of single-ch	ain Fv ar			teins" in	
 	Methods in Enz	ymology (J	u Langone	e, ed.; Academic P	ress, New	YORK, NY)	203:46-88.	ll	
96	transferred to n	nne numa nouse cells	n mrki g by cell fus	ene on a yeast a	ιπιτι κίαι ch :742-750 (romosome	is tunction	ai when	

98milyn 912103

96	Innis, Michay A., et al. PCR Protocols: A Guide To Methods And Applications, Academic Diego, CA (1990) Table of Contents only.						
	Jakobovits et al., "Germ-line transmission and expression of a human-derived yeast artificial chromosome", Nature, Vol. 362, pp. 255-261 (1993).						
	Johnson and Bird, 1991 "Construction of single-chain Fvb derivatives of monoclonal antibodies and their production in <i>Escherichia coli</i> in Methods in Enzymology (JJ Langone, ed.; Academic Press, New York, NY) 203:88-99.						
	Lamb et al., "Introduction and expression of the 400 kilobase precursor amyloid protein gene in transgenic mice", Nature Genetics, Vol. 5, pp. 22-29 (1993).						
	Mernaugh and Mernaugh, 1995 "An overview of phage-displayed recombinant antibodies" in Molecular Methods in Plant Pathology (RP Singh and US Singh, eds.; CRC Press Inc., Boca Raton, FL) pp. 359-365.						
	Pearson and Choi, Expression of the human b-amyloid precursor protein gene from a yeast artificial chromosome in transgenic mice. Proc. Natl. Acad. Sci. USA, 1993, 90:10578-82.						
	Rothstein, "Targeting, disruption, replacement, and allele rescue: integrative DNA transformation in yeast" in Methods in Enzymology, Vol. 194, "Guide to Yeast Genetics and Molecular Biology", eds. C. Guthrie and G. Fink, Academic Press, Inc., Chap. 19, pp. 281-301 (1991).						
	Sambrook et al., Molecular Cloning: A Laboratory Manual, Cold Spring Harbor Laboratory Press, New York (1989) Table of Contents only.						
4	Schedl et al., "A yeast artificial chromosome covering the tyrosinase gene confers copy number-dependent expression in transgenic mice", Nature, Vol. 362, pp. 258-261 (1993).						
95	Strauss et al., "Germ line transmission of a yeast artificial chromosome spanning the murine a, (I) collagen locus", Science, Vol. 259, pp. 1904-1907 (1993).						
95	Testoni et al, 1996, Blood 87:3822						
EXAMINE	DATE CONSIDERED						
	Janitza 9/2/03						

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. TECH CENTER 1600/300

PTO/SB/ 08 (2-92) DEPARTMENT OF COMMERCE

Patent and Trademark Office; U.S.

609	\c	M 2 3 TUD E MA	NUAL OF	PATE	ENT EXAMININ	NG PRO	CEDURE		SB/08 (2-92)	
Form PTO	Form PTO 3449				Docket Number (Opti	ional)	Application Number		NO.	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)					1002.00011		10/049,994			
				ON	Docket Number (Optional) 1(N)2.(N)011 Application Number 1(N/049,994 Applicate Michael G. Chaparian, et al. Filing Date 02-18-02 T DOCUMENTS FILING DATE					
				Filing Date 02-18-02		Group Art Uni	Group Art Unit 1633			
				ATEN	T DOCUMENT	rs			- Oli	
EXAMINER INITIAL	DOCUMENT NUMBER		DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			FOREIGN	IPAT	ENT DOCUME	NTS	·			
				Π			SUBCLASS	TRANSLATION		
		DOCKET NUMBER	DATE		COUNTRY	CLASS		YES	NO	
		OTHER DOCI	JMENTS /	Includ	ine Author, Title, D	ate Pertin	ent Pages, Etc	.)	'	
do	L	OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.) Donadio, Stefano et al., "Modular Organization of Genes Required for Complex Polyketide Biosynthesis," Research Articles, 252:675-679 (1991).								
95		Ensley, Burt D. et al., "Expression of Naphthalene Oxidation Genes in <i>Escherichia coli</i> Results in the Biosynthesis of Indigo," <i>Science</i> , 222:167-169 (1983).								
95	L	Malpartida. F. et al., "Molecular cloning of the whole biosynthetic pathway of a Streptomyces antibiotic and its expression in a heterologous host," Nature, 309:462-464 (1984).								
90 90	Seed, Brian et al., "Molecular cloning of the CD2 antigen, the T-cell erythrocyte receptor, by a rapid immunoselectin procedure," Proc. Natl. Acad. Sci. USA, 84:3365-3369 (1987).									
Sp	5	Daly, John W., "The	chemistry of po	isons in	amphibian skin," Pre	oc. Natl. A	rad. Sci. USA, 9			
of					of the TGF-B Type II	Receptor, a	Functional Tra	nsmembrane		
of	Serine/Threonine Kinase," Cell, 11:775-785 (1993). Murdock, Douglas, et al., "Construction of Metabolic Operons Catalyzing the De Nova Biosynthesis of Indigo in									
H	Escherichia coli," Bio/Technology, 11:381-386 (1993). Luyten et al., "Exopolyphosphate phosphatase and guanosine pentaphosphate phosphatase belong to the sugar kinase/actin/hsp70 superfamily," Trends Biotechnol., 11:247-54 (1993).								ugar	
do	Yamasaki, Katsuhiko, et al., "Cloning and Expression of the Human Interleukin-6 (BSF-2/INFβ 2) Receptor," Science, 241:825-828 (1988).									
de				Biosyr	thesis of Novel Polyl	cetides," Sc	ience, 262:1546	-1550 (1993).	
g		Kao, Camilla M. et a 265:509-512 (1994).	l., "Engineered	Biosynt	hesis of a Complete N	Macrolacton	e in a Heterolog	gous Host," &	icience,	
9/1	Phillipson, David J., "Natural products as drugs," Transactions of the Royal Society of Tropical Medicine and Hygiene, 88:17-19, Supp. I (1994).									
EXAMINER		-1 t			DATE CO)NSIDER	ED			
	9	Forming			9	12/02				
EXAMINER	: Ini	itial if citation consid	ered, whether	or not o	citation is in confor	mance with	h MPEP § 609	. Draw line	: through	

PTO/SB/ 08 (2-92)

Patent and Trademark Office; U.S.DEPARTMENT OF COMMERCE

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.